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Thomas R. Lemmons

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EXAMINER

ALAM, MUSHFIK II

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PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary

Application No.

10/719,289

Applicant(s)

LEMMONS ET AL.

Examiner

MUSHFIKH ALAM

Art Unit

2623

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 28 March 2008.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 2-53 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 2-53 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-946)
- 3) ☐ Information Disclosure Statement(s) (PTO/SG/US)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date _____
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____

DETAILED ACTION

Response to Arguments

1. Applicant's arguments filed 3/28/2008 have been fully considered but they are not persuasive.

Applicant argues that Youman does not disclose displaying a menu that displays a plurality of menu choices corresponding to a plurality of display modes, where the menu is displayed simultaneously with at least a substantial portion of a first display.

In response to Applicant's argument, Youman discloses displaying a plurality of menu choices. Youman displays FLIP, BROWSE, MENU mode and also displays a portion of the display. Reading the claims in the broadest sense, Youman's display showing one menu at a time meets the claimed limitation "wherein the interactive program guide menu displays a plurality of menu choices corresponding to a plurality of display modes of the interactive program guide". The claims are silent regarding showing all the of display modes simultaneously. Thus, Youmans interactive program guide display a plurality of menu choices (FLIP, BROWSE, MENU) one at a time.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the

applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

3. Claims 2-12, 14-25, 27-38, 40-51, 53 are rejected under 35 U.S.C. 102(e) as being anticipated by Youman et al (US 5629733).

Claim 2, Youman teaches a method for allowing a user to access interactive program guide features on a display screen on which appears a first display (television program signal), the method comprising:

- receiving a menu input (mode key) from the user (i.e. through a remote control) (fig. 3; col. 10, lines 33-36);
- displaying (figs. 5, 6, 11), in response to the menu input (mode key press), an interactive program guide menu (FLIP, BROWSE, MENU) simultaneously with at least a substantial portion of the first display (television program signal, fig. 5), wherein the interactive program guide menu displays a plurality of menu choices corresponding to a plurality of display modes (FLIP, BROWSE, MENU) of the interactive program guide (figs. 5, 6, 11; col. 11, lines 63-65; col. 13, lines 12-15; col. 15, lines 20-24); and
- displaying, in response to receiving a user selection of a particular menu choice (FLIP, BROWSE, MENU) from the plurality of menu choices, program guide information (description of mode that is activated i.e. FLIP, BROWSE, MENU) that is associated with the particular menu choice (figs. 5, 6, 11).

Claim 3, Youman teaches the method of claim 2 wherein the plurality of menu choices comprises (MENU mode i.e. depressing the mode key one or two times from

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FLIP or BROWSE mode) a menu choice corresponding to a program listings display mode (col. 15, lines 20-24).

Claim 4, Youman teaches the method of claim 3 wherein displaying program guide information associated with the particular menu choice comprises displaying a plurality of interactive program listings in response to receiving a user selection of the menu choice (choosing TV guide from MENU mode) corresponding to the program listings display mode (figs 6, 18).

Claim 5, Youman teaches the method of claim 2 wherein the plurality of menu choices comprises a menu choice corresponding to a program search display mode (fig. 38F; col. 15, lines 51-67; col. 31, lines 52-col. 32, lines 16). *Figure 38A displays an alternative menu screen that may be accessed by depressing the mode key a specified number of times.*

Claim 6, Youman teaches the method of claim 5 wherein displaying program guide information associated with the particular menu choice comprises displaying, in response to receiving a user selection of the menu choice corresponding to the program search display mode, an interactive program guide interface from which the user can initiate a restrictive search (based of alpha characters) of a database of program schedule data (fig. 38F; col 31, lines 52-col. 32, lines 16).

Claim 7, Youman teaches the method of claim 2 wherein displaying the plurality of menu choices comprises a menu choice (e.g. BY TIME) corresponding to a day to view display mode (figs. 38A, 38B). *A user may change the day by using the left and right scroll arrows shown in figure 38B.*

Claim 8, Youman teaches the method of claim 7 wherein displaying program guide information associated with the particular menu choice comprises displaying, in response to receiving a user selection of the menu choice corresponding to the day to view display mode (e.g. BY TIME), a plurality of selectable day options (by scrolling through days) each corresponding to a unique day for which program schedule information is available, wherein program schedule information corresponding to a particular day option (e.g. TODAY) is displayed in response to the particular day option being selected (fig. 38B).

Claim 9, Youman teaches the method of claim 2 wherein the plurality of menu choices (TV guide, home theater, customer service) comprises a menu choice (favorite channel, fig. 7) corresponding to a favorite channel display mode (col. 25, lines 61-col. 26, lines 12).

Claim 10, Youman teaches the method of claim 9 wherein displaying program guide information associated with the particular menu choice comprises displaying, in response to receiving a user selection of the menu choice corresponding to the favorite

channel display mode, an interactive program guide interface from which the user can select a favorite channel line-up (fig. 8 col. 25, lines 61-col. 26, lines 12).

Claim 11, Youman teaches the method of claim 2 wherein the first display (program signal) comprises video for a given television program and wherein displaying an interactive program guide menu comprises displaying the interactive program guide menu simultaneously with at least a substantial portion of the video for the given television program (fig. 5; col 11, lines 63-col 12, lines 11).

Claim 12, Youman teaches the method of claim 2 wherein the first display (program signal) comprises an interactive program guide display (FLIP, BROWSE, MENU overlay) and wherein displaying an interactive program guide menu comprises displaying the interactive program guide menu simultaneously with at least a substantial portion of the interactive program guide display (fig. 5, 6, 11).

Claim 14, Youman teaches the method of claim 2 further comprising displaying, in response to receiving from the user (i.e. through a remote control) (fig. 4) a user selection to view additional menu choices, new menu choices (customer service) in the interactive program guide menu in place of the displayed menu choices (messages) (replacing messages with customer service) (fig. 6; col. 25, lines 61-col. 26, lines 12).

Claims 15-25, and 27 are analyzed as apparatuses of claims 2-12, and 14.

Claims 28-38, and 40 are also analyzed as apparatuses of claims 2-12, and 14.

Claims 41-51, and 53 recite a machine readable medium to perform the steps of claims 2-12 and 14 above. It is inherent that Youman contains a computer-readable medium to perform the steps of claims 2-12 and 14 as noted above.

Claim Rejections - 35 USC § 103

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claims 13, 26, 39, 52 are rejected under 35 U.S.C. 103(a) as being unpatentable over Youman et al. (US 5629733) in view of Hendricks (2005/0157217).

Claim 13, Youman is silent regarding the method of claim 2 further comprising:

- defining at a remote location operational parameters indicating default menu choices for the interactive program guide menu; and
- transmitting the operational parameters to user equipment; wherein displaying the interactive program guide menu comprises displaying the interactive program guide menu comprising the default menu choices.

Hendricks teaches the method further comprising:

- defining at a remote location (headend) operational parameters (menu driver access scheme) indicating default menu choices for the interactive program guide menu (p. [0014]); and

- transmitting the operational parameters to user equipment (subscribers); wherein displaying the interactive program guide menu comprises displaying the interactive program guide menu comprising the default menu choices (p. [0014]).

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to have provided menu functionality created at the headend as taught by Hendricks to the system of Youman to allow the user to sequence through the various menus (p. [0014]).

Claim 26 is analyzed as an apparatus of claim 13.

Claim 39 is also analyzed as an apparatus of claim 13.

Claim 52 recites a machine readable medium to perform the steps of claim 13. It is inherent that Hendricks contains a computer-readable medium to perform them steps of claim 13 as noted above.

Conclusion

6. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the

shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Inquiries

Any inquiry concerning this communication or earlier communications from the examiner should be directed to MUSHFIKH ALAM whose telephone number is (571)270-1710. The examiner can normally be reached on Mon-Fri: 8:30-18:00 EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Vivek Srivastava can be reached on (571) 272-7304. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

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4/28/2008

/Vivek Srivastava/

Supervisory Patent Examiner, Art Unit 2623